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1992

Plant Variety Protection Office Official Journal



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PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

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APPLICATIONS RECEIVED

JULY 1, 1991 TO SEPTEMBER 30, 1991

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. The seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
ALFALFA			
9100205	WL 457	07/01/1991	W-L Research, Inc.
9100210	SW 14	07/08/1991	S and W Seed Company
ARTICHOKE			
9100220	Emerald	07/23/1991	Tom G. Kurupas Farming
BEAN, FIELD			
9100207	UI 537	07/05/1991	University of Idaho
BEAN, GARDEN			
9100212	Fesca	07/12/1991	Nunhems Seed Corporation
9100213	Modus	07/12/1991	Nunhems Seed Corporation

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< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1991 TO SEPTEMBER 30, 1991

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
BLUEGRASS, KENTUCKY 9100264	Washington	09/18/1991		Cascade International Seed Co. Jonathan Green & Sons Inc.
9100271	Apex	09/23/1991		W. Weibull AB
BUFFALOGRASS 9100263	Bison	(2) 09/16/1991		Oklahoma Agricultural Experiment Station, USDA-ARS
CAULIFLOWER 9100208	<NV 1550>	07/05/1991		Rogers NK Seed Co.
CORN, FIELD 9100218	LH209	07/18/1991		Holden's Foundation Seeds, Inc.
9100222	MM402A	07/30/1991		DeKalb Plant Genetics
9100223	31BZ2	07/30/1991		DeKalb Plant Genetics

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APPLICATIONS RECEIVED

JULY 1, 1991 TO SEPTEMBER 30, 1991

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
CORN, FIELD (Continued)				
9100248	F118		08/19/1991	DeKalb Plant Genetics
9100255	L1BC4		09/09/1991	DeKalb Plant Genetics
9100256	83IBI3		09/09/1991	DeKalb Plant Genetics
9100265	LH164		09/19/1991	Holden's Foundation Seeds, Inc.
9100266	LH214		09/19/1991	Holden's Foundation Seeds, Inc.
COTTON				
9100221	Tamcot 2111	(2)	08/01/1991	Texas Agricultural Experiment Station
9100257	Georgia King		09/13/1991	University of Georgia Research Foundation, Inc.
9100267	DP 5614		09/23/1991	Delta & Pine Land Company

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APPLICATIONS RECEIVED
JULY 1, 1991 TO SEPTEMBER 30, 1991

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
FESCUE, 9100254	CHEWINGS Jamestown II	08/26/1991		Lofts Seed, Inc
FESCUE, TALL 9100258	SR 8200	09/13/1991		Seed Research of Oregon, Inc.
LETTUCE 9100239	Aragon Red	08/06/1991		Central Valley Seeds, Inc.
9100243	Marvel	08/15/1991		Genecorp, Inc.
9100246	Pro 917	08/20/1991		Genecorp, Inc.
9100247	Basore 920	08/20/1991		Genecorp, Inc.
9100259	Bautista	09/16/1991		Royal Sluis, Koninklijke Zaaizaadbedrijven Gebroeders Sluis B.V.

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APPLICATIONS RECEIVED
JULY 1, 1991 TO SEPTEMBER 30, 1991

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
ONION				
9100219	NuMex Starlite	07/22/1991		New Mexico Agricultural Experiment Station
9100262	<PSX 822>	09/16/1991		Petoseed Co., Inc.
ORCHARDGRASS				
9100245	Justus	(*) 08/19/1991		University of Missouri
PEPPER				
9100206	Sonora Anaheim	07/01/1991		Petoseed Co. Inc.
9100240	DMC 56-02	08/05/1991		Del Monte Corporation
RAPE				
9100224	Iris	08/01/1991		Ameri-Can Pedigreed Seed Co.
9100225	Olymp	08/01/1991		Ameri-Can Pedigreed Seed Co.
9100226	Panther	08/01/1991		Ameri-Can Pedigreed Seed Co.

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APPLICATIONS RECEIVED
JULY 1, 1991 TO SEPTEMBER 30, 1991

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
RAPE (Continued)				
9100252	Capricorn	08/26/1991		Plant Breeding International
9100253	Corvette	08/26/1991		Plant Breeding Internaional
RYEGRASS, ANNUAL				
9100216	Tachiwase	07/16/1991		Snow Brand Seed Company
9100242	<SI-5>	08/13/1991		Snow Brand Seed Company
RYEGRASS, PERENNIAL				
9100214	Quickstart	07/15/1991		Pure-Seed Testing, Inc.
9100215	Advent	07/10/1991		Jacklin Seed Company
9100260	Boardwalk	09/16/1991		Olsen-Fennell Seeds, Inc.
9100261	Elegance	09/16/1991		Olsen-Fennell Seeds, Inc.

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APPLICATIONS RECEIVED
JULY 1, 1991 TO SEPTEMBER 30, 1991

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
SORGHUM			
9100227	PH288	08/02/1991	Pioneer Hi-Bred International, Inc.
9100228	PH355	08/02/1991	Pioneer Hi-Bred International, Inc.
9100229	PH356	08/02/1991	Pioneer Hi-Bred International, Inc.
9100230	PH410	08/02/1991	Pioneer Hi-Bred International, Inc.
9100231	PH449	08/02/1991	Pioneer Hi-Bred International, Inc.
9100232	PHA331	08/02/1991	Pioneer Hi-Bred International, Inc.
9100233	PHB331	08/02/1991	Pioneer Hi-Bred International, Inc.
9100234	PHA429	08/02/1991	Pioneer Hi-Bred International, Inc.
9100235	PHB429	08/02/1991	Pioneer Hi-Bred International, Inc.

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APPLICATIONS RECEIVED
JULY 1, 1991 TO SEPTEMBER 30, 1991

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
SORGHUM (Continued)			
9100236	PHA432	08/02/1991	Pioneer Hi-Bred International, Inc.
9100237	PHB432	08/02/1991	Pioneer Hi-Bred International, Inc.
SOYBEAN			
9100209	CX267	07/08/1991	DeKalb Plant Genetics
9100249	BT 1422	08/23/1991	Ziller Seed Farms, Inc.
9100250	BT 2877	08/23/1991	Ziller Seed Farms, Inc.
VERBENA, ANNUAL			
9100268	Romance Deeprose	09/18/1991	Zaadunie B.V.
9100269	Romance Scarlet with eye	09/18/1991	Zaadunie B.V.
9100270	Romance Silver	09/18/1991	Zaadunie B.V.

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APPLICATIONS RECEIVED

JULY 1, 1991 TO SEPTEMBER 30, 1991

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
WHEAT, COMMON				
9100211	TAM 109	(2)	07/12/1991	Texas Agricultural Experiment Station
9100217	<PB1-85-WW-1>	(3)	07/17/1991	Plant Breeders 1 Inc.
9100238	WinTex	(3)	08/05/1991	Bredemeyer Bros.
9100244	Promontory	(3)	08/19/1991	Utah State Experiment Station
9100251	Excel	(3)	08/26/1991	Ohio State University, Ohio Agricultural Research and Development Center
WHEAT, SPELT				
9100241	GR 900	(2)	08/05/1991	Ohio State University Research Foundation

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< > Identifies temporary designations.

APPLICATIONS AMENDED

JULY 1, 1991 TO SEPTEMBER 30, 1991

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information be amended as indicated below.

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
BARLEY			
8600112	Corniche	(3) 05/02/1986	Sharpes International Seeds Limited
8600113	Camargue	(3) 05/02/1986	Sharpes International Seeds Limited
Name of owner changed from Booker Seeds Limited to Sharpes International Seeds Limited.			
BLUEGRASS, ROUGH			
8900288	Laser	07/31/1989	Lofts Seed, Inc.
Variety with temporary designation of <RH-86> named 'Laser'.			
CELERY			
9100171	T&A Special Celery -1	05/01/1991	Tanimura & Antle, Inc.
Variety with temporary designation of <EXP 1> named 'T&A Special Celery -1'.			

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 < > Identifies temporary designations.

APPLICATIONS AMENDED

JULY 1, 1991 TO SEPTEMBER 30, 1991

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information be amended as indicated below.

APPL. NO.	VARIETY	GEN. APPL. (*)	DATE	NAME OF APPLICANT
LETTUCE				
8800198	Genecorp Cos		07/14/1988	Genecorp, Inc.
8800199	Ideal Cos		07/20/1988	Genecorp, Inc.
8800200	Major Cos		07/20/1988	Genecorp, Inc.
8800201	Cos King		07/20/1988	Genecorp, Inc.
8900023	Racy Red		10/31/1988	Genecorp, Inc.
8900024	Genesys Green		10/31/1988	Genecorp, Inc.

Name of owner changed from Genecorp Technology to Genecorp, Inc.

PEA

8900107	Nordic	03/08/1989	Rogers NK Seed Company
9100074	Somerset	01/17/1991	Rogers NK Seed Company

Name of owner changed from Rogers Brothers Seed Company to Rogers NK Seed Co.

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APPLICATIONS AMENDED

JULY 1, 1991 TO SEPTEMBER 30, 1991

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information be amended as indicated below.

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
PHLOX, ANNUAL				
8900019	Palona Deep Rose		10/24/1988	Sluis & Groot Research
	Name of variety changed from 'Palona Deeprose' to 'Palona Deep Rose'.			
PUMPKIN				
9100011	Baby Boo		10/11/1990	John Jaunsem
	Variety with temporary designation of <Sugar Hill> named 'Baby Boo'.			
RAPE				
9100088	Aspen		(2) 01/31/1991	University of Idaho
	Variety with temporary designation of <Aspen> named 'Aspen'.			

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APPLICATIONS AMENDED

JULY 1, 1991 TO SEPTEMBER 30, 1991

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information be amended as indicated below.

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
RAPE (Continued)			
9100089	Humus	(2) 01/31/1991	University of Idaho
	Variety with temporary designation of <Humus> named 'Humus'.		
9100090	LEI III	(2) 01/31/1991	University of Idaho
	Variety with temporary designation of <LEI III> named 'LEI III'.		

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE

JULY 1, 1991 TO SEPTEMBER 30, 1991

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Although propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act, varieties published in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>APPL. NO.</u>	<u>VARIETY</u>
BEAN, GARDEN	8700149	Champ

< > Identifies temporary designations.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
BARLEY				
8600112	Corniche	(3)	09/30/1991	Sharpes International Seeds Limited
	'Corniche' is most similar to 'Triumph'; however, 'Corniche' exhibits barley powdery mildew resistance factors BMR 5 and 6c whereas 'Triumph' exhibits factors BMR 6b and 6c (United Kingdom Barley Diversification Scheme).			
8600113	Camargue	(3)	09/30/1991	Sharpes International Seeds Limited
	'Camargue' is most similar to 'Triumph'; however, straw length of 'Camargue' is 5 cm shorter than straw length of 'Triumph' and 'Camargue' exhibits barley powdery mildew resistance factors BMR 6c and 10 whereas 'Triumph' exhibits factors BMR 6b and 6c (United Kingdom Barley Diversification Scheme).			
8700186	Camelot	(3)	09/30/1991	MMG Agriseed
	'Camelot' most closely resembles 'Aramir'; however, the lodicules of 'Camelot' are shorter than those of 'Aramir' and 'Camelot' is resistant to DDT whereas 'Aramir' is susceptible.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	NAME OF OWNER	
		GEN. ISSUE	DATE
		(*)	

BARLEY (Continued)

8800041 Pennco

(3) 08/30/1991 Pennsylvania Agricultural Experiment
Station and USDA-ARS

'Pennco' is most similar to 'Maury' and 'Pennrad'; however, 'Pennco' heads 1 to 3 days earlier than 'Maury' and has greater resistance to barley yellow dwarf virus (PAV isolate) than 'Maury'. 'Pennco' is 13 to 20 cm shorter than 'Pennrad' and heads about 4 days earlier than 'Pennrad'.

8800084 WestBred Waxbar

(*) 08/30/1991 Western Plant Breeders, Inc.
'WestBred Waxbar' is most similar to 'Washonupana'; however, 'WestBred Waxbar' flowers 2 to 9 days later than 'Washonupana' and is 3 to 13 cm taller than 'Washonupana'. The spikes of 'WestBred Waxbar' have a glossy appearance due to the lack of a wax coating whereas the spikes of 'Washonupana' are dull in appearance.

8800236 WestBred Sprinter

(*) 08/30/1991 Western Plant Breeders, Inc.
'WestBred Sprinter' is most similar to 'Boyer'; however, 'WestBred Sprinter' flowers 3 to 4 days later than 'Boyer' in a winter planting. 'WestBred Sprinter' has a purplish tinge at the tip of its awns and its lemma veins may show traces of anthocyanin whereas 'Boyer' does not have a purplish tinge at the tip of its awns and its lemma veins do not show traces of anthocyanin.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
BARLEY (Continued)				
8900089	Winchester	(*)	08/30/1991	Western Plant Breeders, Inc.
	'Winchester' is most similar to 'Kombar'; however, 'Winchester' heads 4 days earlier than 'Kombar' and the test weight of 'Winchester' averages 3 lbs/bu higher than 'Kombar'.			
BEAN, GARDEN				
8800118	Homestyle		08/30/1991	Asgrow Seed Company
	'Homestyle' is most similar to 'Flo'; however, 'Homestyle' has a tan seed coat, while 'Flo' has a white seed coat.			
8800162	Biscayne		08/30/1991	Asgrow Seed Company
	'Biscayne' is most similar to 'Triumph'; however, 'Biscayne' has a black seed coat, whereas 'Triumph' has a white seed coat.			
BENTGRASS, CREEPING				
9000231	Putter		09/30/1991	Jacklin Seed Company
	'Putter' is most similar to 'Pennncross'; however, 'Putter' is darker green (7.4 vs 5.4; 1-9 scale, 9 = darkest) and is more resistant to Take-all patch (8.7 vs 4.3; 1-9 scale, 9 = most resistant) than 'Pennncross'.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY R	GEN. NO.	ISSUE (*)	DATE	NAME OF OWNER
CORN, FIELD					
9000245	PHJ65		08/30/1991		Pioneer Hi-Bred International, Inc.
	'PHJ65' is most similar to 'PHP60'. 'PHJ65' differs from 'PHP60' in 50% silking date (1710 vs 1610 heat units) and leaf sheath pubescence (heavy vs light).				
9000246	PHK46		08/30/1991		Pioneer Hi-Bred International, Inc.
	'PHK46' is most similar to 'PHV78'. 'PHK46' differs from 'PHV78' in number of marginal waves (many vs none), anther color (green vs red), silk color (pink vs red), and cob color (white vs red).				
9000247	PHK56		08/30/1991		Pioneer Hi-Bred International, Inc.
	'PHK56' is most similar to 'PHW43'. 'PHK56' differs from 'PHW43' in silk color (pink vs red), ear position (horizontal vs upright), and kernel row straightness (slightly curved vs straight).				
9000248	PHN34		08/30/1991		Pioneer Hi-Bred International, Inc.
	'PHN34' is most similar to 'PHW20'. 'PHN34' differs from 'PHW20' in 50% pollen shed date (1570 vs 1380 heat units) and 50% silking date (1610 vs 1450 heat units).				

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD (Continued)				
9000250	PHP38		08/30/1991	Pioneer Hi-Bred International, Inc.
	'PHP38' is most similar to 'PHK29' and 'G39'. 'PHP38' differs from 'PHK29' in anther color (red vs yellow) and cob color (white vs red). 'PHP38' differs from 'G39' in anther color (red vs yellow) and number of kernel rows (16 vs 12).			
9000251	PHP76		08/30/1991	Pioneer Hi-Bred International, Inc.
	'PHP76' is most similar to 'G50'. 'PHP76' differs from 'G50' in 50% silking date (1396 vs 1452 heat units) and fresh husk color (dark green vs light green).			
9000252	PHV07		08/30/1991	Pioneer Hi-Bred International, Inc.
	'PHV07' is most similar to 'PHK29'. 'PHV07' differs from 'PHK29' in tassel branch angle (<30 degrees vs >45 degrees) and pollen shed (light vs heavy).			
9000253	PHW06		08/30/1991	Pioneer Hi-Bred International, Inc.
	'PHW06' is most similar to 'PHR25'. 'PHW06' differs from 'PHR25' in anther color (pink vs purple), cob color (white vs red), and number of kernel rows (14 vs 18).			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT.	VARIETY	GEN. ISSUE	NAME OF OWNER
NO.		(*)	DATE

CORN, FIELD (Continued)

9000254 PHW51 08/30/1991 Pioneer Hi-Bred International, Inc.
'PHW51' is most similar to 'PHK29'. 'PHW51' differs from 'PHK29' in number of longitudinal leaf creases (many vs none), silk color (salmon vs green), and fresh husk color (light green vs dark green).

9000255 PHW86 08/30/1991 Pioneer Hi-Bred International, Inc.
'PHW86' is most similar to 'PHR25'. 'PHW86' differs from 'PHR25' in number of longitudinal leaf creases (many vs none) and anther color (yellow vs purple).

9100034 FBLL 09/30/1991 DeKalb Plant Genetics
'FBLL' is most similar to 'B73Ht'. 'FBLL' differs from 'B73Ht' in 50% pollen shed maturity (1542 vs 1690 heat units) and 50% silking maturity (1553 vs 1684 heat units).

COTTON

9000019 GP 74+ (3) 09/30/1991 G. & P. Seed Co., Inc.
'GP 74+' is most similar to 'GP 3774'; however, 'GP 74+' has sparsely pubescent leaves, whereas 'GP 3774' has pubescent leaves. 'GP 74+' has bolls that are broadest at the base, whereas 'GP 3774' has bolls that are broadest at the middle.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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COTTON (Continued)

9000092 Tamcot HQ95 (2) 07/31/1991 Texas Agricultural Experiment Station

'Tamcot HQ95' is most similar to 'Tamcot CD3H'; however, 'Tamcot HQ95' has stronger (25.6 vs 23.9 g/tex) and longer (1.08 vs 1.03 in) fibers than 'Tamcot CD3H'.

9000150 HS 23

07/31/1991 Helena Chemical Company
d/b/a Hyperformer Seed Company

'HS 23' is most similar to 'McNair 220'; however, 'HS 23' has smaller leaves (20 vs 21 cm width) and reaches 50% boll opening six days (133 vs 139 days) earlier than 'McNair 220'.

LETTUCE

8700182 Kelvin

07/31/1991 Royal Sluis B.V.

'Kelvin' is most similar to 'Salinas'; however, 'Kelvin' is susceptible to downy mildew strains NL 5 and 7 while 'Salinas' is resistant to those two strains.

8700183 Esmeralda

07/31/1991 Royal Sluis B.V.

'Esmeralda' is most similar to 'Big Boston'; however, 'Esmeralda' has black seed whereas 'Big Boston' has white seed.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	NAME OF OWNER	
		GEN. ISSUE (*)	DATE

LETTUCE (Continued)

8900200 Major Cos 09/30/1991 Genecorp, Inc.
'Major Cos' is most similar to 'Parris Island'; however, 'Major Cos' differs from 'Parris Island' in plant weight, core length, and leaf color. The plant weight and core length of 'Major Cos' are 960 g and 8 cm respectively, whereas those of 'Parris Island' are 814 g and 6 cm. The leaf color of 'Major Cos' is dark green, 137B on the RHS Colour Chart, while that of 'Parris Island' is yellow-green, 146B on the RHS Colour Chart.

8900201 Cos King 09/30/1991 Genecorp, Inc.
'Cos King' is most similar to 'Parris Island'; however, 'Cos King' differs from 'Parris Island' in plant height and leaf color. The plant height of 'Cos King' is 38 cm whereas that of 'Parris Island' is 32 cm. The leaf color of 'Cos King' is medium yellow-green, 144A on the RHS Colour Chart, while that of 'Parris Island' is darker yellow-green, 146B on the RHS Colour Chart.

8900003 Pinnacle 09/30/1991 Bruce Church, Inc.
'Pinnacle' is most similar to 'Blanco and 'Salinas'; however, 'Pinnacle' is resistant to corky root rot whereas 'Blanco' and 'Salinas' are susceptible. The seed color of 'Pinnacle' is white while 'Salinas' is black.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
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LETTUCE (Continued)

8900004 Monarch
07/31/1991 Bruce Church, Inc.
'Monarch' most closely resembles 'Valley Queen' and 'Paragon'; however, leaves of 'Monarch' have dull reflectance and crenate indentation while those of 'Valley Queen' have glossy reflectance and deeply dentate indentation. 'Monarch' seed color is black whereas 'Paragon' seed color is white.

8900006 Honcho II
08/30/1991 Genecorp, Inc.
'Honcho II' is most similar to 'Red Coach 74'; however, 'Honcho II' is characterized by its rounded head and flat butt shape whereas 'Red Coach 74' is marked by its pointed head and rounded butt shape. Only moderately blistering leaf surface also differentiates 'Honcho II' from 'Red Coach 74' with its strong blistering leaf surface.

8900014 Red Sceptre
09/30/1991 Asgrow Seed Company
'Red Sceptre' is most similar to 'Prize Head'; however, 'Red Sceptre' differs from 'Prize Head' in anthocyanin distribution and leaf indentation. The anthocyanin distribution extends more than half the outer leaf of 'Red Sceptre' while it is concentrated on the outer edges of 'Prize Head'. Leaf indentation of 'Red Sceptre' is shallowly dentate whereas that of 'Prize Head' is deeply dentate. Additionally, 'Prize Head' is susceptible to tipburn whereas 'Red Sceptre' is intermediate.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT.	VARIETY	GEN.	ISSUE	NAME OF OWNER
NO.		(*)	DATE	

LETTUCE (Continued)

8900021 Andros 09/30/1991 Asgrow Seed Company
 'Andros' is most similar to 'Valmaine'; however, 'Andros' is resistant to lettuce mosaic virus whereas 'Valmaine' is susceptible.

8900054 Le Cup 09/30/1991 Asgrow Seed Company
 'Le Cup' is most similar to 'Bix'; however, 'Le Cup' is smaller than 'Bix'. Plant and head diameters of 'Le Cup' are 240 mm and 100 mm respectively while those of 'Bix' are 400 mm and 155 mm. Additionally, leaf surface blistering is absent from leaves of 'Le Cup' while it is present on leaves of 'Bix'.

MARIGOLD

8900303 Hero Orange 07/31/1991 John Bodger & Sons Co.
 'Hero Orange' is most similar to 'Hero Yellow' and 'Bonanza Orange'. 'Hero Orange' differs from 'Hero Yellow' in primary color of the ray flowers (HCC 10/1 or RHS 25B (orange) vs RHS 13B or HCC 4/1 (lemon yellow)). 'Hero Orange' differs from 'Bonanza Orange' in flower head diameter (55 vs 45 mm).

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
ONION				
8800045	Everest		07/31/1991	Shamrock Seed Company, Inc.
	'Everest' is most similar to 'Temprana'; however, 'Everest' is more tolerant to pink root (6.6 vs 7.6; 1-9 scale; 1=least disease) than 'Temprana'.			
9100030	Red Pinoy		07/31/1991	Hortigen B.V.
	'Red Pinoy' is most similar to 'Red Creole C-5'; however, 'Red Pinoy' has bulbs with light purplish red skins with red interiors whereas 'Red Creole C-5' has bulbs with buff red skins with pink interiors.			
9100108	Redbone		08/30/1991	Asgrow Seed Company
	'Redbone' is most similar to 'Regal'; however, 'Redbone' has top shaped bulbs with red interiors whereas 'Regal' has thick flat to flattened globes with white interiors.			
PEA				
8900067	Sentry		07/31/1991	Pure Line Seeds, Inc.
	'Sentry' is most similar to 'Dark Skin Perfection'; however, 'Sentry' is resistant to race 5 of <u>Fusarium oxysporum</u> f. sp. <u>pisi</u> , pea enation mosaic virus, western pea streak virus, and red clover vein mosaic virus, whereas 'Dark Skin Perfection' is susceptible to all four of these pathogens.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	NAME OF OWNER		
		GEN.	ISSUE	DATE
		(*)		
PEA (Continued)				
8900107	Nordic		07/31/1991	Rogers NK Seed Company
	'Nordic' is most similar to 'Spring'; however, 'Nordic' is resistant to bean leaf roll virus, which causes pea leaf roll, whereas 'Spring' is susceptible.			
8900157	Aim		09/30/1991	Asgrow Seed Company
	'Aim' is most similar to 'Trend'; however, 'Aim' is resistant to race 2 of <u>Fusarium oxysporum</u> f.sp. <u>pisi</u> , whereas 'Trend' is susceptible.			
8900158	Karisma		09/30/1991	Asgrow Seed Company
	'Karisma' is most similar to 'Dual'; however, 'Karisma' has afilea-type foliage, in which the leaflets are modified and borne as tendrils, whereas 'Dual' bears normal foliage.			
8900159	Micro		09/30/1991	Asgrow Seed Company
	'Micro' is most similar to 'Citadel'; however, 'Micro' has afilea-type foliage, in which the leaflets are modified and borne as tendrils, whereas 'Citadel' bears normal foliage.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	NAME OF OWNER	
		GEN. ISSUE (*)	DATE

PEA (Continued)

9000015 Athena 08/30/1991 W. Brotherton Seed Co., Inc.

'Athena' is most similar to 'Dark Skin Perfection'. However, 'Athena' is multipodded, typically producing three to four flowers and two or three (occasionally four) pods per peduncle, whereas 'Dark Skin Perfection' does not produce more than two flowers or pods per peduncle.

9000081 Alfi

09/30/1991 Asgrow Seed Company

'Alfi' is most similar to 'Dinos'; however, 'Alfi' has a filia-type foliage, in which the leaflets are modified and borne as tendrils, whereas 'Dinos' bears normal foliage.

9000095 Pronto

09/30/1991 Asgrow Seed Company

'Pronto' is most similar to 'Dawn' and 'Payload'; however, 'Pronto' is resistant to race 2 of Fusarium oxysporum f.sp. pisi, which causes near wilt in Peas, whereas 'Dawn' is susceptible. Also, 'Pronto' has larger seed than 'Payload' (average sieve size 4.4 vs 3.5, class 5 percentage 36 vs 7, respectively).

9100074 Somerset

09/30/1991 Rogers NK Seed Company

'Somerset' is most similar to 'Green Arrow'; however, 'Somerset' is resistant to Erysiphe polygoni, which causes powdery mildew, whereas 'Green Arrow' is susceptible.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT.	VARIETY	GEN.	ISSUE	NAME OF OWNER
NO.		(*)	DATE	

PHLOX, ANNUAL

8900019 Palona Deep Rose 09/30/1991 Sluis & Groot Research
 'Palona Deep Rose' is most similar to 'Globe'. 'Palona Deep Rose' differs from 'Globe' in number of days from seeding to first flower (65 vs 75 days) and flower color (rose with red eye vs a mixture of color combinations).

8900020 Palona Light Salmon 09/30/1991 Sluis & Groot Research
 'Palona Light Salmon' is most similar to 'Globe'. 'Palona Light Salmon' differs from 'Globe' in number of days from seeding to first flower (65 vs 75 days) and flower color (light salmon with red eye vs a mixture of color combinations).

8900048 Palona White 09/30/1991 Sluis & Groot Research
 'Palona White' is most similar to 'Globe'. 'Palona White' differs from 'Globe' in number of days from seeding to first flower (70 vs 75 days) and flower color (solid white vs a mixture of color combinations).

8900049 Palona Deep Salmon 09/30/1991 Sluis & Groot Research
 'Palona Deep Salmon' is most similar to 'Globe'. 'Palona Deep Salmon' differs from 'Globe' in number of days from seeding to first flower (70 vs 75 days) and flower color (deep salmon with white eye vs a mixture of color combinations.)

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	NAME OF OWNER	
		GEN. ISSUE (*)	DATE

PHLOX, ANNUAL (Continued)

8900050 Palona Carmine
 'Palona Carmine' is most similar to 'Globe'. 'Palona Carmine' differs from 'Globe' in number of days from seeding to first flower (65 vs 75 days) and flower color (purple with red eye vs a mixture of color combinations).

8900051 Palona White with Eye
 'Palona White with Eye' is most similar to 'Globe'. 'Palona White with Eye' differs from 'Globe' in number of days from seeding to first flower (70 vs 75 days) and flower color (white with red eye vs a mixture of color combinations).

RAPE

9000148 Rebel
 'Rebel' is most similar to 'Cascade' and 'OAC Triton'; however, 'Rebel' is resistant to the triazine herbicides whereas 'Cascade' is susceptible. 'Rebel' reaches 50% bloom 6 days later (78 vs 72 days) and is taller (104 vs 91 cm) than 'OAC Triton'.

9000149 Cathy
 'Cathy' is most similar to 'Cascade' and 'Jet Neuf'; however, 'Cathy' has lower levels of glucosinolate in the defatted meal (5 vs 15 micromoles/g) than 'Cascade' and a higher level of oleic acid in the oil (63 vs 57%) than 'Jet Neuf'.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT.	VARIETY	GEN.	ISSUE	NAME OF OWNER
NO.		(*)	DATE	

RAPE (Continued)

9100088 Aspen	(2) 07/31/1991 University of Idaho
'Aspen' is most similar to 'Cascade'; however, 'Aspen' has a higher g/1000 seed weight (4.2 vs 2.8) than 'Cascade'. 'Aspen' is moderately susceptible to late spring frost whereas 'Cascade' is resistant to late spring frost.	
9100089 Humus	(2) 07/31/1991 University of Idaho
'Humus' is most similar to 'Bridger'; however, the oil of 'Humus' has a lower erucic acid content (23 vs 50%) and a higher glucosinolate content (94 vs 28 umoles/g) than 'Bridger'.	
9100090 LEI III	(2) 07/31/1991 University of Idaho
'LEI III' is most similar to 'Bridger'; however, 'LEI III' has a lower glucosinolate content (11 vs 30 umoles/g) than 'Bridger'.	
9100151 IMC 129	(*) 08/30/1991 E. I. du Pont de Nemours & Co.
'IMC 129' is most similar to 'Westar'; however, 'IMC 129' has a higher percentage of oleic acid in the seed oil (77 vs 66%) than 'Westar'.	

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
RICE				
9000074	RT-A1001		09/30/1991	Farms of Texas Co.
	'RT-A1001' is most similar to 'Labelle'; however, plants and grain of 'RT-A1001' are aromatic, whereas 'Labelle' is not aromatic.			
9000075	RT-A1002		09/30/1991	Farms of Texas Co.
	'RT-A1002' is most similar to 'RT-A1001'; however, 'RT-A1002' is an average of 15 cm shorter (105 vs 120 cm) than 'RT-A1001'.			
SAFFLOWER				
9000116	Centennial	(*)	07/31/1991	Research and Development Institute, Inc.
	'Centennial' is most similar to 'S-541'; however, 'Centennial' is more resistant to Alternaria leaf spot (moderately resistant vs moderately susceptible) and Pseudomonas bacterial blight (moderately susceptible vs susceptible) than 'S-541'.			
9100107	S-501	(3)	07/31/1991	SeedTec International, Inc.
	'S-501' is most similar to 'S-541'; however, 'S-501' is shorter (mean: 81 vs 89 cm) and flowers earlier (mean anthesis: 71 vs 75 days) than 'S-541'.			

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. ISSUE (*)	NAME OF OWNER DATE
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SOYBEAN

8900175 9341 08/30/1991 Pioneer Hi-Bred International, Inc.
'9341' is most similar to the variety 'Sloan'. However, '9341' has high seedcoat protein peroxidase activity, whereas 'Sloan' exhibits low seedcoat protein peroxidase activity.

8900176 9411 08/30/1991 Pioneer Hi-Bred International, Inc.
'9411' is most similar to variety '9391'; however, '9411' is later in maturing (5 days) than '9391'.

8900177 9461 08/30/1991 Pioneer Hi-Bred International, Inc.
'9461' is most similar to varieties '9442' and '9471'; however, '9461' has white flowers and '9442' has purple flowers. '9461' is shorter than '9471' by more than 15 cm.

8900214 S31-33 09/30/1991 Northrup King Co.
'S31-33' is most similar to 'A3307' and 'Pella'; however, 'S31-33' is approximately 14 cm shorter than 'A3307'. 'S31-33' can be differentiated from 'Pella' on the basis of flower color, having white flowers while 'Pella' has purple flowers.

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CERT. NO.	VARIETY	GEN. NO. (*)	ISSUE DATE	NAME OF OWNER
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SOYBEAN (Continued)

8900244 A3322

08/30/1991 Asgrow Seed Company

'A3322' most closely resembles the following group of varieties: 'A3127', 'A3205', 'A3427', 'Williams 79', 'Harper 87', 'Resnick', and '9331'. Prominent morphological differences include: flower color; 'A3322' has white flowers, while 'A3127', 'A3205', 'A3427', 'Resnick', and '9331' have purple flowers. In terms of seed protein peroxidase activity, 'A3322' has low activity, while 'Williams 79' has high activity.

8900284 6925

09/30/1991 Northrup King Co.

'6925' is most similar to 'Coker 425'; however, '6925' is resistant to soybean cyst nematode race 3, powdery mildew, southern root knot nematode Meloidogyne incognita, and moderately resistant to bacterial blight. 'Coker 425' is susceptible to all the above named diseases.

STEIRODISCUS

89000053 Gold Rush

053 Gold Rush (1) 09/30/1991 Takii and Company, Ltd. 'Gold Rush' is most similar to Steirodiscus tagetes wildflower. 'Gold Rush' differs from Steirodiscus tagetes wildflower in flower petal shape (flat vs twisted). 'Gold Rush' also resembles 'Gold Carpet', a variety of Thymophylla, in flower shape and flower color, but 'Gold Rush' has Cosmos-like foliage.

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CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. ISSUE (*)	NAME OF OWNER
		DATE	

WHEAT, COMMON
9000071 Vance

09/30/1991 Minnesota Agricultural Experiment
Station

'Vance' is most similar to 'Prospect' and 'Nordic'; however, 'Vance' has longer awns than 'Prospect' (65 vs 48 mm) and heads about 2 days later than 'Prospect'. 'Vance' is resistant to the prevalent races of leaf rust in Minnesota, whereas 'Nordic' is moderately susceptible.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES AMENDED

JULY 1, 1991 TO SEPTEMBER 30, 1991

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
LETTUCE				
8400054	VAN SAL 210		08/31/1986	Genecorp, Inc.
8400060	Genecorp Green		08/31/1986	Genecorp, Inc.
8500003	Desert Queen		03/31/1988	Genecorp, Inc.
8500057	Buena Vista		06/30/1987	Genecorp, Inc.
8600035	Early Giant		05/31/1988	Genecorp, Inc.
8600055	Chieftain		09/30/1986	Genecorp, Inc.
8600144	Big Red		09/30/1987	Genecorp, Inc.
8600147	Maverick		01/15/1988	Genecorp, Inc.
8600154	Vanpire		05/31/1988	Genecorp, Inc.
8700002	Ramrod		07/31/1987	Genecorp, Inc.
8700208	Blazer		09/30/1988	Genecorp, Inc.
8800131	King City		09/30/1988	Genecorp, Inc.
8900027	Primavera		04/28/1989	Genecorp, Inc.

Name of owner changed from Genecorp Technology to Genecorp, Inc.

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- < > Identifies temporary designations.

CERTIFICATES EXPIRED

JULY 1, 1991 TO SEPTEMBER 30, 1991

The term of protection has expired for the certificates listed below. The U.S. Plant Variety Protection Act no longer prohibits the unauthorized propagation of these varieties nor requires them to be sold by variety name only as a class of certified seed. However, varieties published in this list may possibly be protected under the Patent Act.

CERT. NO.	VARIETY	GEN. EXPIRATION (*) DATE	NAME OF APPLICANT
BARLEY			
7300040	Maris Mink	(3) 07/19/1991	Nat. Seed Dev. Organ. Ltd., U.K.
BEAN, GARDEN			
7100030	Lake Shasta	08/12/1991	Rogers Brothers Seed Company
7100031	Lake Erie	08/12/1991	Rogers Brothers Seed Company
7100033	Rebel	09/30/1991	Rogers Brothers Seed Company
7100041	Eagle	08/12/1991	Asgrow Seed Company
7200020	Roma	08/12/1991	Rogers Brothers Seed Co.
7300025	Galamor	07/26/1991	Gallatin Valley Seed Co.

 (*) The Plant Variety Protection Act no longer requires these varieties to be sold by variety name only as a class of certified seed.

CERTIFICATES EXPIRED
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. EXPIRATION (*) DATE	NAME OF APPLICANT
BEAN, GARDEN (Continued)			
7300027	Blue Crop	08/12/1991	Ferry-Morse Seed Co.
7400069	Raider	07/26/1991	Rogers Brothers Seed Company
7400082	Checkmate	07/26/1991	Asgrow Seed Company
7400104	Lake Largo	09/30/1991	Rogers Brothers Seed Company
COTTON			
7100051	Blanco 3363	(3) 09/30/1991	The Lubrizol Corporation
7200069	Quapaw	(2) 09/30/1991	Arkansas Agric. Expt. Sta.
7200072	Paymaster 101-B	(3) 09/30/1991	Cargill, Inc.
7200100	Coker 312	(3) 07/26/1991	SeedCo Corp.

 (*) The Plant Variety Protection Act no longer requires these varieties to be sold by variety name only as a class of certified seed.

CERTIFICATES EXPIRED
JULY 1, 1991 TO SEPTEMBER 30, 1991

CERT. NO.	VARIETY	GEN. EXPIRATION (*) DATE	NAME OF APPLICANT
MARIGOLD			
7400072	Honeycomb	09/30/1991	Denholm Seeds
7400073	Stardust	09/30/1991	Denholm Seeds
PEA			
7300084	Taurus	07/26/1991	Morrison Brothers Seed Co.
7400022	Spring	08/16/1991	Asgrow Seed Company
7400028	Vernon	08/16/1991	Western Valley Seed Co.
7400029	Hustler	08/16/1991	Western Valley Seed Co.
SOYBEAN			
7200076	Peterson Jade	(3) 09/30/1991	Pioneer Hi-Bred International, Inc.
7300062	PX 185-44	09/30/1991	Pioneer Hi-Bred International, Inc.
7400094	SRF 174-AT	(3) 07/26/1991	Soybean Research Foundation, Inc.

(*) The Plant Variety Protection Act no longer requires these varieties to be sold by variety name only as a class of certified seed.

GENERAL INFORMATION

Nicholas J. Landau and Robert W. Schlegel have joined the Plant Variety Protection Office as Plant Variety Information Specialists.

Mr. Schlegel has a B.S. in Horticulture from Virginia Polytechnic Institute and State University (Va.Tech.), and a diploma from the Computer Learning Center in computer programming. Bob brings to the Office experience in the horticultural field as manager of a vegetable greenhouse and as managing owner of a wholesale and retail tropical plant company.

Mr. Landau has a B.A. in Environmental Science from the University of Virginia, 1990. Nick concentrated in Ecology and Evolutionary Biology, with a Biology minor. He also worked on a watershed ecological quantification project as a research assistant for Dr. Aaron Mills, a Microbial Ecologist, in the spring of 1990 and worked on a coastal erosion database as a research assistant for Dr. Robert Dolan, a Coastal Geologist, in the summer of 1989.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
PLANT VARIETY PROTECTION OFFICE
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BELTSVILLE, MARYLAND 20705-2351

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